GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:3783
ANSWERED ON:16.08.2001
DEVELOPMENT OF WIND AND SOLAR ENERGY
VISHNU DEO SAI

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the amount spent on the development of wind and solar energy under the development of non-conventional energy sources during the last three years;

(b) the amount provided by the Union Government to the State Governments for research and development and the amount actually utilised in this regard; and

(c) the details of the specific achievements so far made in this sector?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE), (SHRI M. KANNAPPAN)

(a): An amount of Rs. 168.83 crores was spent on wind and solar energy programmes during the last three years i.e. 1998-99 to 2000 -01.

(b): Research & Development projects are normally being sponsored to Universities, National Laboratories, IITs and other R&D organizations. No separate funds are given to State Governments for research and development.

(c): The cumulative physical achievements made in this sector upto 31.3.2001 are as follows:

1. Wind power : 1340 MW

2. Wind pumps: 714

3. Small aerogenrator/wind solar hybrid systems: 91.5 KW

4. Grid interactive solar power: 1.6 MW

5. Solar photovoltaic:

(i) Solar street lighting systems: 41403

(ii) Home lighting systems: 1.52 lakh

(iii) Solar lanterns 3.5 lakh

(iv) SPV power plants 1132 kWp

6. Solar PV pumps: 4148

7 Solar water heating systems: 5.9 lakhs m2 Collector area

8. Solar Cookers : 5.1 lakh